

KARIMOV

"How We Liquidated Foot-and-Mouth Disease". Sov. veterin., 1937, No 6.  
(Bibliography from article Foot and Mouth Disease by A. L. Skomorokhov,  
State Publishing House for Agricultural Literature, Moscow/Leningrad 1947.)

SO: ~~SECRET~~ U-1625, 11 January 1952, ~~SECRET~~

*KARIMOV*

USSR/Human and Animal Physiology - Nervous System.

R-12

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71104

Author : Varshavskiy, Sadykov, Karimov, Korot'ko

Title : The Influence of Excitation of Bladder Baroreceptors on the Work Capacity of Skeletal Muscles.

Orig Pub : Za soc. zdravookhr. Usbekistana, 1956, No 1, 91-92

Abstract: To four people with bladder stomas caused by adenoma of the prostate gland, 10 ml of 0.1% solution of rivanol was introduced into the bladder thru the urinary canal in one case under pressure, before micturation urge; in the other- without an increase in bladder pressure (control group). Simultaneously the work capacity of the muscles was studied from data obtained by ergographic and dynamometric methods. The bladder distension caused a decrease in the work capacity of the human skeletal muscles.

Card 1/1

- 76 -

1. A. SOLOVEYCHIK, A. KARIMOV

2. USSR (600)

4. Air Filters

7. Improving air cleaning in the D-54 motor. MTS 12 no. 12. 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KARIMOV, A.

Let's inculcate love for work as a primary necessity of life. Prof.  
-tekh. obr. 20 no.3:8-9 Mr '63. (MIRA 16:3)

1. Zamestitel' predsedatelya Komiteta professional'no-tekhnicheskogo  
obrazovaniya pri Sovete Ministrov Tadzhikskoy SSR.  
(Tajikistan--Vocational education)

KARIMOV, A., kapitan

The soldier went out on the right road. Komm. Voeruzh. Sil  
46 no.20:61-63 0 '65. (MIRA 18:12)

KARIMOV, Abdurakhmon; ABDUNASULOV, A., red.

[Cultivation practices for vegetable crops] Sabzavot  
ekinlari agrotekhnikasi. Toshkent, Uzdaymashr, 1963.  
255 p. [in Uzbek] (MIRA 18:1)

KARIMOV A.A., kandidat tekhnicheskikh nauk.

Studying the system of air cleaning in D-54 engines. Trudy VIM 23:  
42-81 '56. (MLRA 9:11)

(Diesel engines--Air filters)

KARIMOV, Alim Aminovich, kand. tekhn. nauk; NAUMOV, Yuriy Ivanovich,  
st. nauchn. sotr.; TROFIMOV, F.D., red.

[New machines for overall mechanization of cotton growing]  
Novye mashiny dlia kompleksnoi mekhanizatsii khlopkevod-  
stva. Tashkent, Gos. izd-vo Uzbek SSR, 1961. 71 p.  
(MIRA 17:5)

1. Zamestitel' direktora po nauchnoy chasti Instituta mekha-  
niki AN Uzbek SSR (for Karimov). 2. Institut mekhaniki  
AN Uzbek SSR (for Naumov).



POLIKER, B.Ye.; MURSKIY, G.I.; KARIMOV, A.A.

Rational design of a vertical-spindle cotton-picking drum with  
frictional drive. Izv. AN Uz. SSR. Ser. tekhn. nauk 7 no.1:  
39-46 '63. (MIRA 17:6)

1. Institut mekhaniki AN UzSSR.

KARIMOV, A. G.

USSR/ Geology - Iron ore

Card 1/1 Pub. 123 - 7/11

Authors : Karimov, A. G.

Title : New data on the mineralogy of oxidized iron ores in western Kazakhstan

Periodical : Vest. AN Kaz. SSR<sup>v.11,</sup> 2, 66 - 75, Feb 1955

Abstract : Mineralogical and petrographic data are given regarding brown iron ore discovered in 1950 among the Upper Triassic layers of western Kazakhstan. Geological data regarding the ore are included. Eight USSR references (1937 - 1951). Tables; graphs; illustration.

Institution: .....

Presented by: Academician K. I. Satpayer

KARIMOV, A.G.

Morphology and origin of quartz-limonite geodes from middle Triassic  
deposits in the eastern Kara-Tau (Mangyshlak). Izv.AN Kazakh.SSR.  
Ser.geol. no.21:53-63 '55. (MLRA 9:8)  
(Kara-Tau--Geodes)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720720007-6

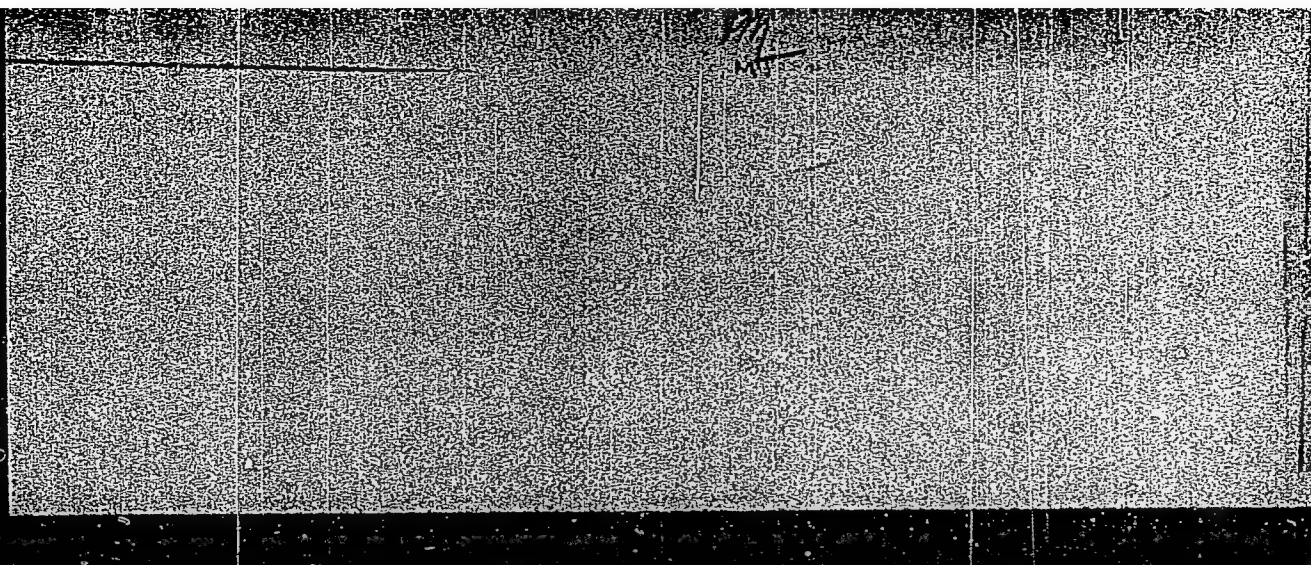
KARIMOV A.B.

APPROVED FOR RELEASE: 06/13/2000

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CIA-RDP86-00513R000720720007-6



APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720720007-6"

KARIMOV, A.G.

Iron ores of the Mangyshlak Mountains. Izv. AN Kazakh. SSR, Ser. geol.  
no. 4:68-74 '62. (MIRA 15:7)

(Mangyshlak Peninsula—Iron ores)

TIMOFEYEV, B.V.; KARIMOV, A.K.; MIRONOV, S.I., akademik.

Plant residues in petroleum. Dokl.AN SSSR 92 no.1:151-152 S '53.

(MLRA 6:8)

1. Akademiya nauk SSSR (for Mironov).
2. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut (for Timofeyev and Karimov).  
(Petroleum--Geology)

KARIMOV, A. K.

"Testing the Aromatic Hydrocarbons of Sulfurous Petroleums in the Second Baku Area;" page 165 of the book "Formation of Petroleum in the Volga-Urals Area," a compilation of works of the All-Union Sci.Res. Geological Prospecting Inst. (VNIGRI), Issue 82, published by Gostoptekhizdat, 1955

TABCON and summary D 332548, 20 Oct 55



KARIMOV, A. K.

AID P - 3968

Subject : USSR/Geology

Card 1/2 Pub. 78 - 13/27

Author : Karimov, A. K.

Title : Oil transformations in nature (In the order of discussion).

Periodical : Neft. khoz., v. 33, #12, 52-54, D 1955

Abstract : The author disagrees with the theory presented by V. A. Uspenskiy and O. A. Radchenko. According to this theory petroleum when seeping from primary sediments (shales, sands etc.) is light, low-gum and mostly paraffinic. When it enters the zone of hypergenesis, i.e. the sphere of the sulfuring and oxidizing action under the influence of effusion, diffusion and dissolution through the medium of underground reservoir waters, and accumulates in pools, it loses some of its methane hydrocarbons and acquires more of the cyclic hydrocarbons (naphthenes and aromatics). As a result,

AID P - 3968

Neft. khoz., v. 33, #12, 52-54, D 1955

Card 2/2 Pub. 78 - 13/27

it becomes heavier, gummier and less paraffinic. The author gives examples of the oil obtained from different oil reservoirs to disprove the above theory. 6 references, 1938-1954.

Institution : None

Submitted : No date

KARIMOV, A.K.

Relation of the sulfur content to the total composition of  
Second Baku oils. Trudy VNIGRI no.95:384-396 '56. (MLRA 9:12)

(Second Baku--Petroleum--Analysis)

KARIMOV, A.K.

Characteristics of Bashkirian petroleum of various tectonic zones  
and stratigraphic horizons. Geol. nefti 1 no.4:23-29 Ap '57.  
(Bashkiria--Petroleum) (MLRA 10:8)

KARIMOV, A.K.

Quantitative determination of sulfur compounds in petroleum  
distillates. VNIGRI no.105:58-60 '57. (MIRA 11:9)  
(Petroleum products) (Sulfur compounds)

KARIMOV, A. K.

Group chemical composition and geochemical age of sulfur petroleum  
of the Second Baku. VNIGRI no.105:181-187 '57. (MIRA 11:9)  
(Second Baku--Petroleum)

KARIMOV, A.K.

Effect of sulfuring processes on the hydrocarbon composition of  
petroleum. Trudy VNIGRI no.155:152-162 '60. (MIRA 14:1)  
(Petroleum geology) (Sulfur) (Hydrocarbons)

KARIMOV, A.K.; YARULLIN, K.S.

Changes in the properties of lower Permian oils in the cis-Ural  
trough. Vop.geol.vost.okr.Rus.platf. i IUzh. Urala no.6:89-98  
'60. (MIRA 14:7)

(Ural Mountain region--Petroleum geology)



KARIMOV, A.K.; OSIPOVA, E.Ye.; YULDASHEV, M.

Bitumen potential of Mesozoic sediments in the Ust-Urt. (MIRA 15:4)  
Uzb.geol.zhur. 6 no.2:38-45 '62.

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN Uzbekskoy SSR.  
(Ust-Urt--Bitumen--Geology)

STAROBINETS, I.S.; PALOMOSHNOV, A.D.; CHIRKOV, E.V.; KARIMOV, A.K.

Concerning the new finds of bituminous rocks in Paleozoic  
sediments of Fergana and their nature. Uzb.geol.zhur. 6  
no.4:53-59 '62. (MIRA 15:9)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzSSR.  
(Fergana--Bitumen--Geology)

KARIMOV, A.K.

Probable quantities of hydrocarbons emitted in the process of  
carbonization of buried organic substance. Geol. nef'ti i gaza  
8 no.12:18-23 D '62. (MIRA 18:2)

1. Institut geologii i razrabotki nef'tyanykh i gazovykh  
mestorozhdeniy AN Uzbekskoy SSR.

KARIMOV, A.K.

Characteristics of the changes in the quality of oil on the territory of some oil- and gas-bearing areas. Vop.geol.Uzb. no.2:178-181 '61. (MIRA 15:12)  
(Petroleum geology) (Gas, Natural—Geology)

KARIMOV, A.K.

Quantitative estimation of the "carbonization hydrocarbons"  
of organic matter in rocks. Uzb. geol. zhur. 7 no.4:10-17 '63.  
(MIRA 16:10)

1. Institut geologii i razrabotki neftyanykh i gazovykh mesto-  
rozhdений AN UzSSR.

(Hydrocarbons) (Organic matter)  
(Petroleum geology)

RAVIKOVICH, Kh.A.; KARIMOV, A.K.

Hydrochemical and geochemical criteria for determining the oil  
and gas potentials of Fergana and Usturt. Neftegaz. geol. i  
geofiz. no. 12:33-37 '63. (MIRA 17:5)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzSSSR.

KARIMOV, A.K.

Primary migration of hydrocarbons of the petroleum series. Geol.  
nefti i gaza 7 no.8:11 Ag '63. (MIRA 16:10)

1. Institut geologii nefti i gaza AN UzSSR.

DIKENSHTeyN, G.Kh.; KUTUZOVA, V.V.; MASHRYKOV, K.K.; BABAYEV, A.G.;  
POL'STER, L.A.; YUFEREV, R.F.; SHISHOVA, A.I.; BAREYEV,  
R.A.; MAKAROVA, L.N.; MURADOV, K.; PYANOVSKAYA, I.A.;  
SEMOV, V.N.; SIROTINA, Ye.A.; TURKINA, I.S.; FEL'DMAN,  
S.L.; KNON, A.V.; KUNITSKAYA, T.N.; GOLENKOVA, N.P.;  
ROSHINA, V.M.; FARTUKOV, M.M.; SHCHUTSKAYA, Ye.K.;  
ALTAYEVA, N.V.; BYKADOROV, V.A.; KOTOVA, M.S.; SMIRNOV,  
L.M.; IBRAGIMOV, M.S.; KRAVCHENKO, M.F.; MARKOVA, L.P.;  
ROZYIYEVA, T.R.; UZAKOV, O.; SLAVIN, P.S.; NIKITINA, Ye.A.;  
MILOGRADOVA, M.V.; BARTASHEVICH, O.V.; STAROBINETS, I.S.;  
KARIMOV, A.K.

[Splicing of the wires of overhead power transmission lines]  
Soedinenie provodov vozdukhnykh linii elektroperedachi. Mo-  
skva, Energiia, 1964. 69 p. (Biblioteka elektromontera,  
no.132) (MIRA 17:9)



KARIMOV, A.K.; LEBZIN, Ye.V.; AVAZMATOV, Kh.B.

Prospects for finding gas and oil in the Darganata region.  
Neftegaz. geol. i geofiz. no.4:3-7 '64. (MIRA 17:6)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN Uzbekskoy SSR.

KARIMOV, A.K.; AVAZMATOV, K.R.; SIMONENKO, A.N.; ISMATULLAYEV, A.K.

Affiliation of oil and gas pools and associated bitumens with  
Mesozoic sediments in the Kagan region. Geol. nafti i gaza  
no.8:16-21 Ag '86. (NIKA 18:8)

1. Institut geologii i razrabotki nef'nykh i gazovykh  
mestorozhdeniy AN Uzbekskoy SSR.

KARIMOV, A.K.; AVAZMATOV, Kh.B.; LEBZIN, Ye.V.

Luminescence study of bitumens contained in Mesozoic sediments  
in the Mubarek oil and gas region. Neftegaz. geol. i geofiz.  
no.4:30-35 '65. (MIRA 18:7)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzSSR.

L 16614-63

EWT(1)/BDS AFFTC/ASD

S/124/63/000/004/002/064

AUTHOR: Karimov, A. U.

TITLE: On the reduction of a nonuniform kinetic potential to a uniform potential

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 4, 1963, 15, abstract 4A71  
(UzSSR Fanlar Akad. dokladi, Dokl. An UzSSR, no. 5, 1962, 28-31.)

TEXT: A method is given for converting a nonuniform kinetic potential:

$$L = \frac{1}{2} \sum_{\lambda=1}^n \sum_{\mu=1}^n a_{\lambda\mu} \dot{q}_{\lambda} \dot{q}_{\mu} + \sum_{\lambda=1}^n a_{\lambda} \dot{q}_{\lambda} + U$$

to a uniform one

$$L^* = \frac{1}{2} \sum_{i=1}^{n+1} \sum_{k=1}^{n+1} b_{ik} \dot{q}_i \dot{q}_k$$

Here the factors  $b_{ik}$  ( $i, k = 1, \dots, n+1$ ) are independent of the coordinates  $q$  sub  $n+1$ , i.e. this coordinate is cyclic. Two examples are considered: The motion of a point in a rotating plane, and the motion of an electron in an electromagnetic field. L. Ya. Roytberg.

[Abstracter's note: Complete translation.]

Card 1/1

S/166/62/000/006/004/016  
B112/B186

AUTHOR: Karimov, A. U.

TITLE: Reduction of a system of ordinary differential equations  
the order of which is an even number to a canonical system  
of the I. S. Arzhanykh type, an even number of integrals  
being given

PERIODICAL: Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-  
matematicheskikh nauk, no. 6, 1962, 32-36

TEXT: The system

$$\dot{q}_\nu = Q_\nu(t, q_1, \dots, q_n, p_1, \dots, p_n),$$

$$\dot{p}_\nu = P_\nu(t, q_1, \dots, q_n, p_1, \dots, p_n)$$

( $\nu = 1, \dots, n$ ) with the integrals

$$f_\pi(t, q_1, \dots, q_n, p_1, \dots, p_n) = 0$$

(1).

Card 1/3

Card

$$= 1, s, \dots, p_n),$$

(5)

(6)

Reduction of a system of ordinary ...

S/166/62/000/006/004/016  
B112/B186

The method is illustrated by an example.

ASSOCIATION: Institut mekhaniki AN UzSSR  
(Institute of Mechanics AS UzSSR)

SUBMITTED: March 15, 1962

Card 3/3

ARZHANYKH, I.S.; KARIMOV, A.U.

Conditions for the existence of entire integrals, algebraic  
with respect to velocity, in conservative scleronomous sys-  
tems. Sbor. nauch.-issl. rab. TTI no.15:163-171 '62.

(MIRA 16:9)

ARZHANYKH, I.S.; KARIMOV, A.U. (Moscow)

"Linear and non-linear integrals of equations of analytical mechanics resulting from the invariance of the kinetic potential in relation to Lie groups"

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 January - 5 February 1964



L 55711-65 EWT(1) / Pg-4 IVF(c)

ACCESSION NR: AP5017168

UR/0166/64/000/006/0005/0012

AUTHOR: Arakanykh, I. B.; Karimov, A. U.

TITLE: Appearance of linear and nonlinear integrals in equations of analytic mechanics in connection with invariability of kinetic potential with respect to the groups

SOURCE: AN UzSSR. Ivestiya. Seriya fiziko-matematicheskikh nauk, no. 5, 1964, 5-12

TOPIC TAGS: differential equation, integral calculus, group theory, mechanics

ABSTRACT: The article concerns differential equations and integrals for linear and nonlinear pulses in analytic dynamics. A gradient invariant is found for a nonlinear integral. Orig. art. has 20 formulas.

ASSOCIATION: Institut matematiki im. V. I. Romanovskogo AN UzSSR (Institute of Mathematics, AN UzSSR)

SUBMITTED: 20Jan64

ENGL: 00

SUB CODE: NA, ME

NO REF BOV: 002

OTHER: 000

JPRS

Card 1/1

KARIMOV, A.V.; KAMILOV, I.K.

Pharmacology of the new alkaloid rinderine. Farm. alk. no.1:  
253-262'62.

(MIRA 16:9)

(RINDERINE)

17

21(3)

AUTHOR: Karimov, A.Yu.

SOV/56-51-4-21/31

TITLE: Focusing Effect of a Zonal Antenna in the Range of Millimeter Waves. Short Communication (Fokussirovatskoye deystviye zonnoy antennoy v diapazone millimetrovyykh voln. Kratkoye soobshcheniye)

PERIODICAL: Vestnik Moskovskogo universiteta, Seriya matematika, mekhanika, astronomiya, fizika, khimiya, 1956, Nr 4, pp175-178 (USSR)

ABSTRACT: The author produces "white" radiation with a mass radiator (described in detail in [Ref 6, 7]) charged electronically and working efficiently, stably, and continuously. For separating a certain wave length out of the spectrum of this mass radiator the author recommends the use of zonal antennas (zonal plates) used in the optics. These antennas consist of a sequence of transparent and nontransparent circular rings and concentrate the energy of the falling plane electromagnetic wave in a focus. By a combination with a quadratic grid the author shows the applicability of the zonal antenna as a monochromator in the range of millimeter waves.

There are 5 figures, 1 table, and 7 references, 5 of which are Soviet, and 2 American.

ASSOCIATION: Kafedra radioelektroniki (Chair of Radio Electronics)

SUBMITTED: August 9, 1956

Card 1/1

KARIMOV, B.

Note on the Dirichlet principle in the theory of linear  
diophantine approximations. Izv. AN Uz. SSR. Ser. fiz.-mat.  
nauk 6 no.5:20-24 '62. (MIRA 15:11)

1. Institut matematiki imeni V.I. Romanovskogo AN UzSSR.  
(Diophantine analysis) (Forms (Mathematics))

KARIMOV, B.

Linear diophantine approximations. Dokl. AN SSSR 148 no.3:504  
Ja '63. (MIRA 16:2)

1. Matematicheskii institut im. V.A. Steklova AN SSSR. Pred-  
stavleno akademikom I.M. Vinogradovym. Dokl. AN SSSR 148  
no.3:504 Ja '63. (MIRA 16:2)  
(Diophantine analysis)

KARIMOV, B.

Two-dimensional diophantine approximations, Izv. AN Uz.SSR,  
Ser. fiz.-mat. nauk 7 no.1:5-10 '63. (MIRA 16:4)

1. Institut matematiki imeni V. I. Romanovskogo AN UzSSR.

(Diophantine analysis)

BAYMAKHANOV, M.T.; KARIMOV, B.A.; KUZNETSOV, V.P.

Study the ores of newly discovered deposits by making wider use of the possibilities offered by the Granitogorsk Experimental Ore Dressing Plant of the Kazakhstan Institute of Mineral Raw Materials. Razved. i okh.nedr 31 no.4:51-53 Ap '65. (MIRA 19:1)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya Ministerstva geologii i okhrany nedr KazSSR.

KARIMOV, ~~DEH~~  
D/Kh

Karimov, Dzh. B. Sur les solutions périodiques des équations différentielles non linéaires du type parabolique. C. R. (Doklady) Acad. Sci. URSS (N.S.) 54, 293-295 (1946)

For the nonlinear differential equation

$$q = 0.5 + 0.1(-0.1 + 0.1) = 0.5, \quad 0 \leq r \leq 1$$

[illegible]

url: <http://www.mathematical-reviews.org/>

Vol 1



*Karimov, D. Kh.*

*D. Kh.*

Karimov, D. Kh. Sur les solutions périodiques des équations différentielles non linéaires du type parabolique. C. R. (Doklady) Acad. Sci. URSS (N.S.) 50, 119-121 (1947).

In an earlier paper [same C. R. (N.S.) 28, 403-406 (1940); these Rev. 2, 204] the author proved that for a sufficiently small the following boundary value problem has a unique solution:

$$\frac{\partial}{\partial x} \left[ P(x) \frac{\partial Z}{\partial x} \right] - \frac{\partial Z}{\partial t} = \Phi(x, t) + \psi(Z),$$

$$Z(0, t) = Z(\pi, t) = 0, \quad Z(x, 0) = Z(x, 1).$$

The present paper removes the restriction that  $\psi$  is sufficiently small.

*P. O. Drasin (Durham, N. C.)*

Source: Mathematical Reviews, 1948, Vol. 9, No. 1

KARIMOV, Dzh. Kh.

(Karimov, Dzh. Kh. On periodic solutions of nonlinear equations of the fourth order. Doklady Akad. Nauk SSSR (N.S.) 57: 651-653 (1947) (Russian). The equation

$$L(x) + (2k+1)x^{2k+1} = \phi(x) + \psi(x)$$

subject to  $x(0) = x(1) = 0$ ,  $\phi(0) = \phi(1)$ ,  $\psi(0) = \psi(1)$ ,  $x(1) = x(0)$ ,  $x'(1) = x'(0)$  is considered. The author uses the method of successive approximations  $L(x) = 0$ ,  $L(x) = \phi(x)$ . Assuming appropriate conditions satisfied by  $\phi$  and  $\psi$  to ensure the existence of a solution, the author shows that these are uniformly bounded and equicontinuous functions in the domain  $0 \leq x \leq 1$ ,  $0 \leq t \leq 1$ . He then invokes Arzela's theorem to show the existence of a convergent subsequence  $(x_n)$ ,  $x_n \rightarrow x$ . It is then stated that  $L(x) = \phi(x)$ . No justification is given for this statement, and it would seem that the theorem of the paper is not proved. (R. Bellman, Princeton, N. J.)

Source: Mathematical Reviews, 1948, Vol. 9, No. 5

KARIMOV, D. Kh

Karimov, D. Kh. On periodic solutions of nonlinear differential equations of parabolic type. Doklady Akad. Nauk SSSR (N.S.) 58, 969-972 (1947). (Russian)  
The author considers the nonlinear equation

$$x - D^2 x_{xx} = \phi(x, t) + \mu f(x, x_x)$$

subject to  $x(0, t) = x(x, 0) = 0$ ,  $x(x, t) = x(x, t+1)$ ,  $0 \leq x \leq \pi$ ,  $0 \leq t \leq 1$ . The method of successive approximations is used as follows:  $\partial x_{n+1} / \partial t - \partial^2 x_{n+1} / \partial x^2 = \phi(x, t) + \mu f(x, \partial x_n / \partial x)$  to obtain a uniformly convergent subsequence  $\{x_{n_k}\}$  converging to a function  $W$ . However, it is not shown that  $W$  satisfies the partial differential equation, and thus the result claimed must be regarded as unproved. R. Bellman.

Source: Mathematical Reviews;

Vol. 9 No. 6

KARIMOV, D.X.

28193

O periodicheskom reshenii odnogo nelineinogo differentsial'nogo uravneniya.

Izvestiya Akad nauk UzSSR, 1949, N2, s. 73-82.- Rezumenavshyuz.

KARIMOV, D.X. periodical decission single unlinear differential equation,

Izvestiya- Information Academic Sciences UzSSR, 1949, N2, page 73- 2.

Resume on Uzbeksky's language

SO. LETOPIS NO. 34

KARIMOV, D.Kh.; ROMANOVSKIY, V.I., deystvitel'nyy chlen.

Equation of the parabolic type. Dokl. AN Uz.SSR no.4:6-8 '49. (MLRA 6:5)

1. Institut matematiki i mekhaniki AN Uz.SSR (for Karimov). 2. Akademiya  
Nauk Uzbekskoy SSR (for Romanovskiy). (Differential equations)

KARIMOV, D.Kh., kandidat fiziko-matematicheskikh nauk.

Periodic solutions of non-linear differential equations of the  
parabolic type. Trudy Inst.mat.i mekh. AN Uz.SSR no.5:30-53-'49.

(MLRA 6:12)

(Differential equations, Partial)

KARIMOV, D.Kh.; ROMANOVSKIY, V.I., deystvitel'nyy chlen.

Periodic solutions for non-linear equations of the fourth order. Dokl. AN  
Uz. SSR no. 8:3-7 '49. (MLRA 6:5)

1. Institut matematiki i mekhaniki AN Uz. SSR (for Karimov). 2. Akademiya  
Nauk Uzbekskoy SSR (for Romanovskiy). (Differential equations, Partial)



L 19419-63 EWT(d)/FCC(w)/BDS AFFTC/IJP(C)

ACCESSION NR: AR3005369

S/0044/63/000/006/B051/B051

SOURCE: RZh. Matematika, Abs. 6B244

AUTHOR: Karimov, D. Kh.; Baykuziyev, K.

TITLE: Mixed problem for a single hyperbolic equation which degenerates on the boundary of the region

CITED SOURCE: Nauchn. tr. Tashkentsk. un-t, vyp. 208, 1962, 90-97

TOPIC TAGS: Partial differential equation, hyperbolic equation, mixed problem, Fourier-Bessel series, Fourier-Bessel coefficient, boundary condition

TRANSLATION: The problem consists in finding a solution for the equation

$$\frac{\partial^2 u}{\partial t^2} - \frac{\partial}{\partial x} \left( x^2 \frac{\partial u}{\partial x} \right) \quad (1)$$

satisfying the initial conditions

$$u|_{t=0} = \varphi(x), \quad \frac{\partial u}{\partial t} \Big|_{t=0} = \psi(x) \quad (2)$$

and one of the boundary conditions

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$$u(0, t) = 0, u(a, t) = 0 \text{ for } a < 1, \quad (3)$$

$$|u(0, t)| < \infty, u(a, t) = 0 \text{ for } 1 < a < 2, \quad (4)$$

The solution to equation (1) is sought in the form  $u(x, t) = X(x) \cdot T(t)$ . The function  $X(x)$  is expressed in terms of Bessel functions, and the characteristic functions  $X_n(x)$  are determined. The solution of equation (1) satisfying the boundary condition (3) or (4) has the form:

$$u(x, t) = \sum_{n=1}^{\infty} (A_n \cos \sqrt{\nu_n} t + B_n \sin \sqrt{\nu_n} t) X_n(x),$$

where  $\nu_n$  is the  $n$ -th root of the equation  $J_p(z) = 0$ . The coefficients  $A_n$  and  $B_n$  are determined from initial conditions as the coefficients of the Fourier-Bessel series of the given functions. Evaluations of Fourier-Bessel coefficients are given for functions differentiated a sufficient number of times and satisfying certain conditions (limitation or limited variation). With fulfillment of all these conditions there follows the existence of the posed problem. The same problem is posed for the equation

$$\frac{\partial^2 u}{\partial t^2} - \frac{\partial}{\partial x} \left( x^\alpha \frac{\partial u}{\partial x} \right) = f(x, t) \quad (1)$$

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with zero initial conditions (2). The existence of a solution in the form of some series is proved if the function  $f(x, t)$  is expanded in a Fourier series with respect to the characteristic functions,  $\sqrt{x}(x, t)$  is a function with finite

variation with respect to both variables,  $f(x, 0) = 0$ .  $\frac{\partial f}{\partial t}$  is a function with finite variation with respect to  $t$ . L. Vostrova.

DATE ACQ: 24Jul63

SUB CODE: MM

ENCL: 00

Card 3/3

L 26869-65 EWT(d) Pg. 1 TUP(s)

ACCESSION NR: AP5003308

S/0166/64/000/006/0027/0030

AUTHORS: Karimov, D. Kh.; Baykugiyev, K.

TITLE: Second mixed problem for one hyperbolic equation that degenerates on the boundary of a domain

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 6, 1964, 27-30

TOPIC TAGS: hyperbolic equation, second order equation, partial differential equation, mixed problem, existence proof

ABSTRACT: This article is a continuation of two earlier papers by the authors, one dealing with the mixed problem for hyperbolic equations that degenerate on a contour (Izv. AN UzSSR, seriya fiz.-mat nauk, 1962, No. 2), and one dealing with the next problem for one hyperbolic equation which degenerates on a boundary of a domain (Nauchnyye trudy TashGU, no. 208, matematika, 1962). The problem

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consists of solving the equation

$$\frac{\partial^2 u}{\partial t^2} = \frac{\partial}{\partial x} \left( x \frac{\partial u}{\partial x} \right)$$

satisfying the initial conditions

$$u \Big|_{t=0} = \varphi(x), \quad \frac{\partial u}{\partial t} \Big|_{t=0} = \psi(x)$$

and one of the boundary conditions

$$x \frac{\partial u}{\partial x} \Big|_{x=0} = 0, \quad u \Big|_{x=a} = 0 \quad \text{при } 0 < a < 1,$$

$$x \frac{\partial u}{\partial x} \Big|_{x=0} = 0, \quad u \Big|_{x=a} = 0 \quad \text{при } 1 < a < 2.$$

The solution is sought in the form

$$u(x, t) = X(x)T(t).$$

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and in the case when boundary conditions (3) are satisfied takes the form

$$u(x, t) = \sum_{n=1}^{\infty} (A_n \cos \sqrt{\lambda_n} t + B_n \sin \sqrt{\lambda_n} t) X_n(x) \quad (9)$$

with the arbitrary constants  $A_n$  and  $B_n$  determined from the initial conditions. Conditions for the existence of this solution, and for the solution of the associated equation

$$\frac{\partial u}{\partial t} = \frac{\partial}{\partial x} \left( x \frac{\partial u}{\partial x} \right) + f(x, t) \quad (1')$$

is proved. Orig. art. has: 15 formulas.

ASSOCIATION: Ferganskly gospedinstitut (Fergana State Pedagogical Institute)

SUBMITTED: 20Jan64

ENCL: 00

SUB CODE: MA

NR REF SOV: 002

OTHER: 000

Cord

3/3

KARIMOV, D.S.

Tuberculosis of the stomach and duodenum. Med.zhur.Uzb. no.8-  
9:46-50 Ag-S '58. (MIRA 13:6)

1. Iz khirurgicheskogo otdeleniya Respublikanskoy bol'nitsy  
Kara-Kalpakskoy ASSR (glavnyy vrach - G.B. Bekzhanov).  
(DIGESTIVE ORGANS--TUBERCULOSIS)



KARIMOV, D.S.

Our experience in the use of potentiated local anesthesia. Med.  
zhur. Uzb. no. 1:15-17 Ja '60. (MIRA 13:8)

1. Iz khirurgicheskogo otdeleniya Respublikanskoy bol'nitsy  
Kara-Kalpaskoy ASSR (glavnyy vrach - S.B. Begzhanov).  
(LOCAL ANESTHESIA)

KARIMOV, D.S.

Abdominal pregnancy of 20-21 weeks of three years' duration. Med.  
zhur. Uzb. no. 2:63-64 F '61. (MIRA 14:2)

1. Iz Respublikanskoy bol'nitsy Kara-Kalpakskey ASSR (glavnyy  
vrach - S.B. Bekzhanov).

(PREGNANCY, EXTRAUTERINE)



KARIMOV, D.S.

Surgical complications of amebiasis. Med. zhur. Uzb. no.8:36-39  
Ag '61. (MIRA 15:1)

1. Iz khirurgicheskogo otdeleniya respublikanskoy bol'nitsy Kara-  
Kalpakskoy ASSR.

(AMEBIASIS)

(LIVER DISEASES)

KARIMOV, D.S.

Our experience in cystotomy with extraperitonization of the urinary bladder. Med. zhur. Uzb. no.11:61 N '61. (MIRA 15:2)

1. Iz khirurgicheskogo otdeleniya Respublikanskoy bol'nitsy Kara-Kalpakskey ASSR (glavnyy vrach - S.B.Bekzhanov).  
(BLADDER SURGERY) (PERITONEUM TRANSPLANTATION)

KARIMOV, D.S.

Case of eventration of Meckel's diverticulum through the umbilical ring with invagination and eventration of the loops of the small intestine through the diverticulum in a 20-day old infant. Med. zhur. Uzb. no.2:70 F '60. (MIRA 15:2)

1. Iz khirurgicheskogo otdeleniya Respublikanskoy bcl'nitsy Kara-Kalpakskey ASSR (glavnyy vrach S. Bekzhanova).  
(INTESTINES\_\_INTUSSUSCEPTION) (UMBILICUS\_\_SURGERY)  
(ABDDMEN\_\_TUMORS)

KARIMOV, D.S.

Sixtieth birthday of U.Kh.Khalmuratov, chief surgeon of the Kara-Kalpak A.S.S.R. Med. zhur. Uzb. no.6:77-78 Je '60. (MIRA 15:2)  
(KHALMURATOV, URAZMET KHALMURATOVICH, 1900-)

KAZNIN, V.P.; ZHAPOVSKAYA, V.M.; KARIMOV, D.S.

Primary pulmonary hypertension. Sov. med. 27 no.11:34-37 N '64.

(MIRA 18:7)

1. Otdeleniye priobretennykh porokov serdtsa Instituta serdechno-sosudistoy khirurgii (dir - prof. S.A.Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN SSSR, Moskva.

GOL'DENBERG, I.P.; ZINOV'YEV, S.T.; KARIMOV, F.M.

Rapid method of determining the airtightness of open-hearth  
furnaces. Metallurg 10 no.1:16-17 Ja '65. (MIRA 1884

1. Magnitogorskiy metallurgicheskiy kombinat i Magnitogorskiy  
gornometallurgicheskiy institut.

ACC NR: AP7004640

SOURCE CODE: UR/0288/66/000/003/0104/0105

AUTHOR: Umarov, G. Ya.; Lyutovich, A. S.; Yermatov, S. Ye.; Karimov, F. R.

ORG: Physico-technical Institute, AN UzSSR, Tashkent (Fiziko-tekhicheskiy institut AN UzSSR)

TITLE: The possibility of obtaining semiconductor and difficultly fusible materials with the aid of a jet discharge

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk, no. 3, 1966, 104-105

TOPIC TAGS: thermal reactor, oxidation reduction reaction, gas discharge, high frequency discharge, *metal oxide, water cooled nuclear reactor*

ABSTRACT. A gas discharge setup (see Fig. 1) is described for deoxidizing such materials as silicon oxide and metallic oxides. The discharge in this water-cooled quartz reactor is maintained by 10-kw, 25-Mc, rf energy source and the raw materials are  $\text{SiCl}_4$  and  $\text{MoO}_3$ . The reactor is 75 cm long and 20 cm in diameter. When molybdenum oxide is being reduced cooling is not necessary. The discharge is started at silicon electrode progressing to the surrounding mixture of hydrogen and silicon tetrachloride. When molybdenum oxide is being reduced the electrode is made of molybdenum. Under normal conditions to reduce molybdenum trioxide to dioxide state

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UDC: 621.315.592+669.018.45+669.094.1

ACC NR: AP7004640

at 700C it is necessary to maintain the discharge for 2--3 hr. In this setup, however, after 5--7 min of deoxidation the oxygen content is reduced by 25%. Silicon powder is collected on the walls of the quartz tube during discharge. When hydrogen flow is 20 liter/min and that silicon tetrachloride is 200 ml/hr, 40% of applied silicon is collected on the tube walls. Orig. art. has: 1 figure and 1 table.

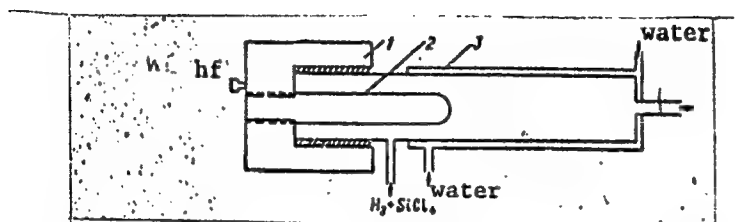


Fig. 1. Quartz reactor  
1 - base, 2 - electrode, 3 - quartz reactor

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 001

Card 2/2



KARIMOV, G.M., kandidat fiziko-matematicheskikh nauk.

Expedition to observe the total solar eclipse of June 30, 1954.  
Astron.tsir. no.153:8 0 '54. (MIRA 8:5)

1. Nachal'nik ekspeditsii Astrofizicheskogo instituta Akademii  
nauk Kaz. SSR.  
(Eclipses, Solar—1954)

1. KARIMOV, I.
2. USSR (600)
4. Cotton-Picking Machinery
7. Improving the design and broadening the field of application of pneumatic cotton-picking machines. Khlopkovodstvo, no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ACC NR: AP70C6065

SOURCE CODE: UR/0425/66/009/0026/0028

AUTHOR: Yusupov, Kh. M.; Karimov, K.

ORG: Institute of Geology, State Geological Committee (Institut geologii Gosgeolkom SSSR)

TITLE: Use of geophysical methods in the prospecting and exploration of antimony and mercury deposits in Central Tadzhikistan

SOURCE: AN TadzhSSR. Doklady, v. 9, no. 9, 1966, 26-28

TOPIC TAGS: seismic prospecting, antimony, mercury, elastic oscillation

ABSTRACT: The authors briefly present the results of experimental seismic prospecting work carried out in an antimony deposit of Central Tadzhikistan. This experimental work in an antimony deposit should be considered as a first attempt at the introduction of seismic methods in this region for solution of a number of structural problems determining the further direction of geological prospecting work. The deposit for the most part was buried, only exposed at the surface in a few places. The principal search criterion for these mercury-antimony deposits is the zone of contact of limestones and terrigenous deposits, which is used as the point of departure for geophysical prospecting in this deposit. The velocity of propagation of elastic oscillations in limestones is 6,000-7,000 m/sec, whereas in the terrigenous deposits it is

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ACC NR: AP7006065

less than 5,000 m/sec. For this reason the refracting surface is a quite sharply expressed velocity boundary. This served as a physical basis for the mapping of the ore-housing breccia. Evaluation of the accuracy of determination of the depths of the ore-bearing contact can be made by comparing the determined seismic cross sections and cross sections constructed using data from geological prospecting workings. The use of geophysical methods was highly effective in the mapping of mercury-antimony deposits, the mean relative error being about 5%.

This paper was presented by Corresponding member AN TadzhSSR R. B. Baratov on 23 April 1965. Orig. art. has: 1 figure and 1 table. [JPRS: 39,180]

SUB CODE: 08

Card 2/2

*Karimov A. K.*

62 ✓ Petroleum conversion in nature. A. K. Karimov. *Nefteyos Khim. AS, No. 12, 65-4 (1965)*.—Exam. of the aliphatic, aromatic, and naphthenic constituents of crude oils and of the geol. strata in which they are found indicates that the oils, after going to the producing formation from the formation in which they were formed, are chiefly naphthenic and aromatic in character. Subsequent geochem. transformations over a long time period, with the catalytic action of the formation minerals and the moderate temp. rise in the formation result in a gradual conversion into oil of aliphatic-naphthenic or aliphatic base. In the hypergenesis zone, as a result of sulfidization and oxidation, oils are likely to lose some of their aliphatic constituents.  
W. M. Sternberg

KARIMOV, Kh.; KUZ'MIN, V.; OL'SHANSKIY, V.; ZAYTSEV, V.S., red.;  
SMIRNOV, P.S., tekhn.red.

[For the good of the Soviet people] Na blago sovetskikh  
liudei. Leningrad, Lenizdat, 1959. 113 p. (MIRA 13:4)

1. Konsul'tanty Doma politicheskogo prosveshcheniya LK i LGK  
(for Karimov, Kuz'min, Ol'shanskiy).  
(Leningrad--Economic conditions)

KARIMOV, KH. A.

Karimov, Kh. A. - "The industries of Bashkiria during the years of the Stalin Five-Year Plans", (Author listed in index), In the collection: 'Tridtsat' let Sov. Bashkiri, Ufa, 1949, p. 105-31.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

LAVRIKOV, Yuriy Aleksandrovich; KARIMOV, Khamza Khusainovich; PERSIANOV,  
Roman Mikhaylovich; SINYAKOV, Yu.I., red.; ONOSHKO, N.G.,  
tekhn.red.

[Account of the Leningrad Economic Region] Ocherk o Leningradskom  
ekonomicheskome administrativnom raione. Lenizdat, 1958. 78 p.  
(MIRA 12:6)

(Leningrad Economic Region)



PONTOVICH, V.E.; KARIMOV, Kh.

Dynamics of amino acids in the fruit of the oilseed poppy.  
Fiziol. rast.7 no.2:151-159 '60. (MIRA 14:5)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy  
of Sciences, Moscow.

(Poppy)  
(Amino acids)

KARIMOV, K.G.

Automatic control of the relation of blasting and natural gas  
used in blast furnaces. Avtom.i prib. no.4:91-92 O-D '62.  
(MIRA 16:1)

1. Zavod "Azovstal'".

(Blast furnaces)

KARIMOV, K.G., inzh.; KUTYANIN, G.I., prof.

~~Effect of hydrothermal treatments on the wear resistance of sole leather.~~ Report No.2: Effect of the duration of the treatment.  
Izv.vys.khimb.zav.; tekhn.prom. no.3:73-76 '61. (MIRA 14:7)

1. Moskovskiy Ordena Trudovogo Krasnogo Znameni institut narodnogo khozyaystva imeni Plekhanova. Rekomendovana kafedroy tovarovedeniya promyshlennykh tovarov.

(Leather--Testing)

KUTYANIN, G.I., doktor tekhn.nauk, prof.; KARIMOV, K.G., inzh.

Relation between moisture and resistance to wear of sole leather.  
Izv.vys.ucheb.zav.; tekhn.prom. no.6:38-43 '61. (MIRA 14:12)

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khozyaystva imeni Plekhanova. Rekomendovana kafedroy tovarovedeniya  
promyshlennykh tovarov.

(Leather-Testing)

KARIMOV, K.G.; KUTYANIN, G.I., prof.

Effect of tannin tanning time on the wear resistance of sole  
leather. Kozh.-obuv.prom. 3 no.7:25-26 J1 '61. (MIRA 14:9)  
(Tanning)

KUTYANIN, G.I., prof.; KARIMOV, K.G.

Methods of testing the resistance to abrasion of leather by means  
of an apparatus with the attachment developed by the Ukrainian  
Scientific Research Institute of the Leather Industry. Kozh.-  
obuv.prom. 3 no.9:23 S '61. (MIRA 14:11)  
(Leather--Testing)

KUTYANIN, G.I.; KARIMOV, K.G.

Resistance of leather to wear, as related to its resistance to heat.  
Dokl.AN SSSR 138 no.3:625-627 My '61. (MIRA 14:5)

1. Moskovskiy institut narodnogo khozyaystva im. G.V.Plekhanova.  
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(Leather)

KUTYANIN, G.I., prof.; KARIMOV, K.G.

Effect of the scalding temperature on the wear resistance of sole  
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(Leather tanning)



KUTYANIN, G.I., dokt. tekhn.nauk, prof.; KARIMOV, K.G., inzh.

Hydrothermal effects on the wear resistance of sole leather.  
Izv.vys.ucheb.zav.;tekh.leg.p. ot. no.2:73-77 '62. (MLRA 15:5)

1. Nauchnoissledovatel'skiy Ordena Tredovogo Krasnogo Znameni institut  
tekhnicheskoy fiziki i khimii. Tekhnicheskaya fakul'tet  
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(Leather-Testing)

KARIMOV, K.G., inzh.; KUTYANIN, G.I., doktor tekhn. nauk, prof.

Effect of paraffin and spindle oil on the wear resistance of  
sole leather. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.3:  
49-55 '63. (MIRA 16:7)

1. Moskovskiy Ordena Trudovogo Krasnogo Znameni institut  
narodnogo khozyaystva imeni Plekhanova. Rekomendovana kafedroy  
tevarovedeniya promyshlennykh tovarov.  
(Leather---Testing)

KARIMOV, K.G.

Measuring the temperature of liquid cast iron in the ladles  
during the blow with oxygen. Met. i gornorud. prom. no.2:  
75-76 Mr-Ap '65. (MIRA 18:5)

KARIMOV, Khurshed Khilolevich; PIRKOFYEV, A.A., prof., otv.  
red.

[Winter growth and summer dormancy of the plants of  
Tajikistan] O zimnoi vegetatsii i letnem pokoie raste-  
nii Tadzhikistana. Dushanbe, AN Tadzhik.SSR, 1964. 24 p.  
(MIRA 17:7)

NASYROV, Yu.S., otv. red.; SAPOZHNIKOV, D.I., red.; PROKOF'YEV, A.A., red.; ZALENSKIY, O.V., red.; MAKSUMOV, A.N., red.; KARIMOV, Kh.Kh., red.; LOGINOV, M.A., red.; GILLER, Yu.Ye., red.; USMANOV, P.D., red.; KAS'YANENKO, A.G., red.; RAKHMANINA, K.P., red.

[Contribution of plant physiology to agriculture; problems of photosynthesis and metabolism] Fiziologiya rastenii - sel'skomu khoziaistvu; voprosy fotosinteza i obmena veshchestv. Dushanbe, Izd-vo AN Tadzhikskoi SSR, 1965. 131 p.

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1. Akademiya nauk Tadzhikskoy SSR, Dushanbe. Institut fiziologii i biofiziki rastenii.

KARIMOV, Kh.Kh.; NIKOLAYEVA, M.I.

Discovery of glucofructosans in *Allium oschaninii* O. and *Eremurus*  
olgae Rgl. Dokl. AN Tadzh. SSR 6 no.3:34-36 '63. (MIRA 17:4)

1. Otdel fiziologii i biofiziki rasteniy AN Tadzhikskoy SSR.  
Predstavleno akademikom Tadzhikskoy SSR K.T.Poroshinym.

KARIMOV, Kh.Kh.; LAVRIKOV, Yu.A.; PERSIANOV, P.M.; SINIAKOV, Yu.I., red.;  
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[Economy of Leningrad in the seven-year plan] Ekonomika Leningrada v semiletke, Leningrad, Lenizdat, 1959. 90 p. (MIRA 13:4)  
(Leningrad Economic Region--Economic policy)

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Summer dormancy in bulbous barley (*Hordeum bulbosum* L.).  
Fiziol. rast 8 no. 1:467-475 '61. (MIRA 14:11)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy  
of Sciences, Moscow, and Institute of Botany, Tadjik S.S.R.  
Academy of Sciences, Stalinabad.  
(Barley)  
(Dormancy in plants)



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Dissertations defended at the Institute of Plant Physiology imeni K. A. Timiryazev for the academic degree of Candidate of Biological Sciences:

"Summer Dormancy of Plants of the Semisavanna (From the Example of Bulbous Barley /Hordeum bulbosum/)."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

KARIMOV, Kh.Kh.; NIKOLAYEVA, M.I.

Content and transformation of carbohydrates in some plants in  
Tajikistan as related to summer dormancy and winter vegetation.  
Trudy Otd. fiziol. i biofiz. rast. AN Tadzh. SSR 3:22-34 '64.  
(MIRA 18:4)

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Study of the phenomena connected with the building of reservoirs for industrial sewage of the non-ferrous metallurgy enterprises. Sbor. nauch. trud. NI po stroi. ASIA no.4875-228 1963.  
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air by the abrasive plant "Il'ich" and its effect <sup>of</sup> on the  
health of the population." Len, 1957. 15 pp (Min of Health  
RSFSR, Len Sanitary-Hygienic<sup>Med</sup> Inst), 200 copies (KL, 1-58, 121)

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